

From qrp-1@lehigh.edu Wed Jun 7 15:28:02 1995
Message-Id: <199506071525.KAA25170@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: 30M and 40M Tuesday Night
Date: Wed, 7 Jun 1995 11:28:02 EDT

Gang,

Took the TenTec Argosy 525D outta the closet and the TenTec AC Power Supply and set up the rig on the desk. Moved the NorCal Sierra over to the floor, a sad moment of silence followed. For more than two years, I'd guess, there has only been HB and kits sitting the op position.

Well, at 0200Z fired up the MFJ antenna analyzer and tuned the long wire up at 10.110MHz. Then plugged the Argosy online and turned it on and tuned in 10.106MHz. (*&(*&#\$\$\$ there is a digital station right center frequency and showing about 10dB over S9!! Tune up and the band is pretty busy everywhere that I tuned and a LOT and I mean a lot of digital stuff heard everywhere. I try for 30 minutes to find a whole and call CQ and noone worked.

Now I'm getting frustrated and I play with two things. The MFJ Analyzer and the Oak Hills Research Wattmeter WM-1. All the time using the Tucker Antenna Tuner T-1000 with builtin dummy load, that will handle 200W for 5 minutes at a time. I guess 950mW will go forever. :-)

Looks like I may have to spend some time looking at just how well the antenna is now working with the leaves on the trees. Looks like 1W isn't going to cut it or something changed in the system within the last month. I was able to get the SWR to 1:1 and power was going to the antenna system, but I wasn't being heard.

I went down to 40M and it too was crowded and again I called a couple of stations (below 7.040MHz) and they didn't hear a peep. Not even a QRZ? Such is life in the peanut powered world of QRP.

SO, here I will now move over to the 40M long wire at the ranch (open air country side estate) for the rest of the week and see how the rig works from there. There's an article in this somewhere I know. It's just a matter of taking the data.

So, for the rest of the week I'll be using a bigger wire, but I will be trying 0.95W first. Since September 1, 1993, I have worked everything at 0.95W and I'd like to keep that record intact. Not a big deal.

I know some of you have gone outta your way to fire up the receiver and listen for me and I really appreciate it. Patience is the key here. I was there, you and nobody else could hear me.

The lesson here (IMHO) is that sometimes you can't work anyone. There are no guarantees that you will always be able to work stations at any time although everyone else seems to be doing so. Even 15M was open at 6pm last night. Bet not a one of you fired up to see if anything was on. :-)

On the way home last night I stopped at the local Mapsco Store on Preston Rd in Dallas. If you have one of these places near you, you need to stop in there. First trip for me and I wound up spending close to an hour there browsing.

I bought a 20"x30" (approximate size) Ran McNally Cosmopolitan Series Map of the United States of America. For \$8.50 this included the lamination. A real neat buy in my humble opinion. I then spent another \$2.50 for "Mark-It Dots". There are 600 dots per package and I got the dark blue ones. These stick nicely to the map and I've been going through the logbook for the last two years and marking QTHs worked on 40M. This gives me some indication of how the antenna system and the propagation has been on 40M over a period of time. I have 49 states worked on 40M with 0.95W. The elusive KL7 will take a while to get, but I will get it hopefully within the next year. My goal at least.

The reason for this exercise was to have a map for Saturday to show what can be done with less than 1W and a reasonable antenna system. The antenna is everything in QRP --- well, almost everything.

FYI dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 7 16:47:16 1995
Message-Id: <199506071646.MAA13167@pluto.njcc.com>
From: Michael Marmor <mmarmor@pluto.njcc.com>
Subject: Re: 30M and 40M Tuesday Night
Date: Wed, 7 Jun 1995 12:47:16 EDT

K5F0:

> I bought a 20"x30" (approximate size) Ran McNally Cosmopolitan
> Series Map of the United States of America. For \$8.50 this
> included the lamination. A real neat buy in my humble
> opinion. I then spent another \$2.50 for "Mark-It Dots".
> There are 600 dots per package and I got the dark blue ones.

AA2UJ:

I bought a similar map (not laminated but only \$2.95 :-)
the day I completed my 40a. I have put a pin in the map
for every 40a contact worked so far. I am starting to
have enuf data points to see some patterns forming on the map.
Most contacts are in a circle that passes through Cleveland, OH
with the center of the circle being my qth in Princeton, NJ.

I find all the little towns on the map by using the on line call
book to get the stations zip code and then the lat/lon of the
station using the online Geographic Data server.

Michael, AA2UJ
mmarmor@pluto.njcc.com

From qrp-1@lehigh.edu Wed Jun 7 20:53:15 1995
Message-Id: <199506072055.PAA03450@silver.niia.net>
From: ajones@niia.net (Allen Jones)
Subject: 30M OHR Explorer RX sens.
Date: Wed, 7 Jun 1995 16:53:15 EDT

Anyone out there have experience with the Oak Hills Explorer 30M version?

I recently completed the kit and went thru the alignment procedure. Really
thought the RX sounded down. Only a few signals were heard. I was using a
40M sloper at the time and thought that might be some of the problem. When
I listened on my IC-736 I heard *lots* of signals. Now I know it may not be
fair to compare a \$100 rig to the ICOM but on 40M my SW40 hears just

about anything the ICOM does.

I sent the Explorer back to OHR for a checkup and they say it is OK. I hooked it up to my half wave 30M sloping dipole and it still sounds sick.

I have an NN1G MkII for 20M I built from a kit. It is basically the same circuit as the Explorer, NE602 mixer, MC1350 IF amp and NE602 bfo/product detector. It seems to hear pretty well.

I'd be interested in hearing from anyone else who has built the 30M Explorer. (Direct please, no need to add to the list bandwidth)

Thanks,
Allen _ K9DZE

From qrp-1@lehigh.edu Thu Jun 8 02:24:25 1995
Message-Id: <9505078025.AA802574923@mailrouter.alascom.com>
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: AL7FS Anchorage, Alaska CQ announcement
Date: Wed, 7 Jun 1995 22:24:25 EDT

Kinda late to decide but at 0530 tonight I am going to turn on the CQ beacon (I will be listening) at around 0520-0530 and run it for about 30 minutes. Shake the bushes, as it were. :-)

I'll be on 7.038 +- QRM (As if I ever have QRM up here.)

After that, I will tune around for CQs.

73,

Jim Larsen
AL7FS
Anchorage, Alaska
jlarsen@alascom.com

From qrp-1@lehigh.edu Thu Jun 8 01:48:39 1995
Message-Id: <Pine.SUN.3.91.950607214110.11509F-100000@peach.epix.net>
From: rarland@epix.net

Subject: Backpack antennas

Date: Wed, 7 Jun 1995 21:48:39 EDT

Fred Turpin, K6MDJ (he's not on I-Net) has been making very small 40 mtr dipoles to go along with the NorCal 40 transceivers. they use RG-174 as a feedline and small Bic (tm) lighter bodies as insulators. He is going to provide me with one and once I get hands-on, I'll describe the construction to the group.

73 rich K7YHA

From qrp-1@lehigh.edu Wed Jun 7 07:06:05 1995

Message-Id: <Pine.3.89.9506061303.A13495-0100000@freenet.vancouver.bc.ca>

From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>

Subject: Re: Backpackable Antennas

Date: Wed, 7 Jun 1995 03:06:05 EDT

Michael:

Unless you are on a DX expedition, forget the verticals and take a dipole. You will undoubtedly be looking for contacts of between 100 and 500 Km. This requires a relatively high angle of radiation. On 75M I have found there to be little advantage in getting the antenna above 15 or 20 feet high with the end down to 8 or 10 feet high.

72 Derry VE7QK

From qrp-1@lehigh.edu Wed Jun 7 08:43:45 1995

Message-Id: <802477108.AA02219@hamlink.mn.org>

From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)

Subject: BACKPACKABLE ANTENNAS

Date: Wed, 7 Jun 1995 04:43:45 EDT

Hello Michael and all,

NU>I would like to hear what others have found to be a workable antenna setup
>for backpacking (so I can possibly avoid mistakes already made!).

Now I can't speak from experience, but I can give you an opinion. In the ARRL Antenna book in the section on portable antennas (ain't that som'thin') they show a fine folded dipole made from 300 ohm twin lead. In this application they use a small capacitance properly located on the 300 ohm twin lead feeder to transform the feed impedance to 50 ohms. On 40 meters that requires a 55 foot feedline lenght. As an alternative, you could wind a 4:1 or 6:1 balun, install it at the rig connector (or in the rig) and feed the antenna with ant lenght of 300 ohm twinlead.

The advantages of this antenna are, no transmatch, no heavy coax, easy to wind up and store or pack. Give it a look see.

73 de Claton Cadmus, KA0GKC

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-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

* SLMR 2.1a * HAMFEST vb 1.The act of sneaking stuff into the basement.

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Jun 7 19:03:29 1995
Message-Id: <01HRFG0H37EQ985HB1@MAILSRV1.PCY.MCI.NET>
From: Bob Smith <rsmith@internetmci.com>
Subject: Re: Backpackable Antennas
Date: Wed, 7 Jun 1995 15:03:29 EDT

-- [From: Bob Smith * EMC.Ver #b.2.5.02] --

I use a dipole 66' (468/F in MHz) long made with #20 rat shack STRANDED hookup wire. Just tie the ends to form loops for the supporting KITE STRING that I use having been just chucked over a tree using a COMBINATION LOCK, finding that has the perfect weight to size ratio for getting the string over high branches. (worlds longest sentence)

I feed the antenna with 33' of RG174 - really small coax. The center insulator is a 1" x1" piece of PC Board or similar material with all copper etched off. I cut 2 holes to loop the coax in and 1 hole to tie the antenna radials to. I make solder connections then coat the whole shebang with 5 min epoxy.

This guy coils up nice and small AND fits in a sandwich baggy!

BTW - I do have a MFJ QRP tuner but I never use it - no need - once the dipole is cut it gives good SWR over a very wide range when erected straight, that's the key.

From qrp-1@lehigh.edu Wed Jun 7 12:44:12 1995
Message-Id: <9506071258.AA07239@dtcs70.dtc.kodak.com>
From: mitchell@dtcs70.dtc.kodak.com (Brad Mitchell)
Subject: calls2dist
Date: Wed, 7 Jun 1995 08:44:12 EDT

works great. Did k5fo to wb8ygg (not that I've ever heard him on the air) but it worked good.
73 Brad

From qrp-1@lehigh.edu Wed Jun 7 12:57:19 1995
Message-Id: <9505078025.AA802540731@CCMAIL.AEROSYS.LORAL.COM>
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: Re: calls2dist
Date: Wed, 7 Jun 1995 08:57:19 EDT

Yes and the program even works well with multiple requests from one message. Just make one request per line and you will get multiple messages back, (one per each request).

73,

Bob White (WASTP 67.58)

Great job on the calls2dist program!!

----- Reply Separator -----
Subject: calls2dist
Author: mitchell@dtcs70.dtc.Kodak.COM at INTERNET

Date: 6/7/95 8:50 AM

works great. Did k5fo to wb8ygg (not that I've ever heard him on the air)
but it worked good.

73 Brad

From qrp-1@lehigh.edu Wed Jun 7 19:06:46 1995
Message-Id: <95Jun7.150541edt.14522-1+8@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: CALLS2DIST service
Date: Wed, 7 Jun 1995 15:06:46 EDT

Gang,

If you have a relatively new ZIP, it may not be in the geo DB. So I've changed CALLS2DIST to try looking up the Lat/Long info using the city, state if the ZIP lookup fails. Note that lookup by city, state may return several records. CALLS2DIST uses the last one. So, if your command failed, try it again...it may work now.

/jim

From qrp-1@lehigh.edu Wed Jun 7 19:53:20 1995
Message-Id: <95Jun7.155213edt.14522-2+9@hooch.CC.Lehigh.EDU>
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: Re: CALLS2DIST service
Date: Wed, 7 Jun 1995 15:53:20 EDT

Gang,

The problem with CALLS2DIST failing on club calls (W1AW) is fixed thanks to Ray WB6TPU for the bug report. Please let me know if there are any other problems with the service.

/jim

From qrp-1@lehigh.edu Wed Jun 7 11:26:20 1995
Message-Id: <Pine.3.89.9506070717.A543610373-01000000@utkvx.utk.edu>
From: cebik@UTKVVX.UTCC.UTK.EDU
Subject: Re: Crystal Osc's
Date: Wed, 7 Jun 1995 07:26:20 EDT

On Tue, 6 Jun 1995, chuck adams wrote:

> These puppies run about \$3.25 to \$4.08 in the new
> Mouser Electronics catalog, page 56. The frequency
> of interest is 3.686400MHz and 28.322000MHz.
> DO NOT hook them up
> direct to an antenna. They generate square waves and
> you will need a lot of filtering before you output
> to the antenna.
> Vcc is 5V and they output 1.4VDC levels, consume 10mA
> below 24.00MHz and 30mA at higher freqs.

The 28.322 osc is useful also as a portable signal source for checking
F-B ratio of antennas for 10 meters (which I home brew extensively).
The one I have runs fine at 9 volts, and for very brief tests (normally
under dead band conditions), direct feed to a collapseable whip creates
no problems (but that is about the only use of them I would suggest
without further output filtering)

From qrp-1@lehigh.edu Wed Jun 7 14:58:10 1995
Message-Id: <199506071453.JAA25003@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: Crystal Osc's
Date: Wed, 7 Jun 1995 10:58:10 EDT

LB posts the note about using the 28.322MHz oscillator for testing
front to back ratio of antennas, such as quads and beams on 10M.
Neat idea. I assume that you drive down the road a mile or two
(to get out of the near field area) and then run back and then
run pick up the source before the kids get to it.

LB might say something about what he has found out about distance
from tower, etc. in doing these measurements. Sounds like an
article for QQ or QRPp.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 7 17:42:46 1995
Message-Id: <Pine.3.89.9506071352.A543635021-0100000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: Re: Crystal Osc's
Date: Wed, 7 Jun 1995 13:42:46 EDT

On Wed, 7 Jun 1995, chuck adams wrote:

> LB posts the note about using the 28.322MHz oscillator for testing
> front to back ratio of antennas, such as quads and beams on 10M.
> Neat idea. I assume that you drive down the road a mile or two
> (to get out of the near field area) and then run back and then
> run pick up the source before the kids get to it.
>
> LB might say something about what he has found out about distance
> from tower, etc. in doing these measurements. Sounds like an
> article for QQ or QRPp.

Chuck,

Depends on the test you are doing. (Also note: no kids, so equipment safe; ham XYL, so testing via 2-meter link is not too hard.)

For basic tune-up, about 10 wavelengths is far enough. (300+ feet at 10 meters, more as you drop bands.) Cross polarization also weakens signal to prevent overload; but hopefully, the F-B ratio will be high enough that this is not a problem.

For full-scale evaluation, several miles of line-of-sight is advisable: that is what 10-meter nets are for, although the net members sometimes tire of straining to hear me, since mostly I keep the antenna rear toward them in checking F-B. (I check the forward signal level at check-in.)

Note, an independent signal source is needed only for adjusting F-B ratio, where it may be adjusted by changing element lengths or by electronics means (e.g., a capacitively or inductively loaded reflector). For adjusting the antenna for best SWR, with or without a gamma or beta match, etc., point a multi-element antenna straight up (or as near as possible. As little as a quarter wavelength or less will yield quite good results for the antenna at full height. This is an old technique, and at least one manufacturer (Butternut) recommends it, and Brian Beezley, W6STI, verified it via NEC-2 models recently in a piece of Tech Correspondence to QST.

Often, a rear signal source is not needed for best F-B ratio. If you understand your antenna--whatever it is--you can often discover that a small adjustments in the driven element (loading or length) affect mostly

the feedpoint reactance, b. adjustments to the rear element affect mostly the feedpoint resistance, and c. there is an optimum feedpoint resistance that corresponds to maximum F-B ratio. Tune the antenna for that point, and then use the signal source to check the acceptability of the results (in contrast to pruning-running-checking-running-pruning-running-checking. . .). This will often work well with parasitic antennas, but not all. Made a 2-element EDZ beam, with both elements loaded remotely at ground: adjustments were largely independent, hence, the signal source was crucial here.

These ideas are not commercial/lab quality, but fall within the range of what home constructors can do to tweak the home brew array in a home setting with rain, swaying trees, ground clutter, and other imperfections.

Hope some of this is useful.

-73-
LB, W4RNL

From qrp-1@lehigh.edu Wed Jun 7 17:39:07 1995
Message-Id: <9505078025.AA802557630@CCMAIL.AEROSYS.LORAL.COM>
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: Destructive File - PKZ300B.EXE & PKZ300B (fwd)
Date: Wed, 7 Jun 1995 13:39:07 EDT

Not QRP, but important!!

----- Forward Header -----
Subject: Destructive File - PKZ300B.EXE & PKZ300B (fwd)
Author: Pete Chui at AeroSys-Seabrook-MCOS2
Date: 6/6/95 4:30 PM

The following warning was received through Compuserve from the makers of PKZip.

MESSAGE:

Subj: IMPORTANT NOTICE! READ! Section: PKWare

Some joker out there is distributing a file called PKZ300B.EXE and
PKZ300B.ZIP.

This is NOT a version of PKZIP and will try to erase your harddrive if you
use it.

The most recent version is 2.04G. Please tell all your friends and favorite
BBS sysops about this hack.

Thank You.

END MESSAGE

Please pass on this information to others who use this utility. Remember,
the real PKZIP has a version of 2.04G.

Anyone having more information on this file please RSVP this account.

From qrp-1@lehigh.edu Wed Jun 7 11:07:56 1995
Message-Id: <"14834 Wed Jun 7 06:05:53 1995"@nt.com>
From: william.redfearn.cmwdr01@nt.com
Subject: FS: HW-8 and power supply
Date: Wed, 7 Jun 1995 07:07:56 EDT

For Sale:

Heathkit HW-8 QRP Transceiver and matching power supply
80, 40, 20, and 15 meters.
approx. 2 watts out, CW only.
250 Khz VFO range.
direct conversion receiver, audio filter.

Slight dust, some scratches on case top.
All original, NO mods, No extra holes.
\$150.00 includes UPS shipping, COD is extra.

Wanted:

Looking for late model HF rig (WARC) with blown finals for a QRP project.
Especially interested in FT-707, IC-735, TS-50s, or any TEN-TEC rigs.
Of course, being broken, it should be cheap.
73-Dave.

=====

Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own, no one else wants them.

From qrp-1@lehigh.edu Wed Jun 7 06:59:47 1995
Message-Id: <Pine.3.89.9506061242.A13495-0100000@freenet.vancouver.bc.ca>
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: Re: Great Circle Bearings
Date: Wed, 7 Jun 1995 02:59:47 EDT

Roger:

Stretch a piece of string between the two locations on a globe. Note the bearing the string "from your QTH".

The Great Circle path to parts of Australia are "North of West" from Vancouver, BC - an interesting fact which has on more than one occasion won me a pint of ale in the local pub!

72 Derry VE7QK

From qrp-1@lehigh.edu Wed Jun 7 11:40:12 1995
Message-Id: <Pine.3.89.9506070708.A543610373-0100000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: Re: Great Circle Bearings
Date: Wed, 7 Jun 1995 07:40:12 EDT

On Wed, 7 Jun 1995, John D. Spittle wrote:

> Stretch a piece of string between the two locations on a globe. Note the
> bearing the string "from your QTH".
> The Great Circle path to parts of Australia are "North of West" from
> Vancouver, BC - an interesting fact which has on more than one occasion
> won me a pint of ale in the local pub!
> 72 Derry VE7QK

Derry (and all): I concur--with both the path and the reward. Perhaps grammar school Mercatur project maps have ruined an entire generation

from appreciating the nature of globes and near globes (like the Earth).

The first time ARRL published the great circle bearing program (used to be in the HBs, but later relegated to the Operating Manual), I put it into basic and made a set of printouts for all the cities listed relative to my QTH. Printed both the bearing and the distance. Separated the locations by radio continents. Look-up is quicker than calling up the program while operating (can hold the chart while sending CW). If you do not have such a program, write one and make up the charts to suit your needs; it is a worthwhile exercise. An added use (besides knowing where to turn a beam) is to survey the charts when deciding how to orient a proposed antenna. If it is a multiband antenna (for example, a G5RV or 136' center-fed Zepp), consider the pattern on each band of high interest to put lobes where you want to work and nulls on potential QRM.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Wed Jun 7 14:58:52 1995
Message-Id: <199506071448.HAA22079@mailhost.primenet.com>
From: aa7qy@primenet.com (Roger Hightower)
Subject: Re: Great Circle Bearings
Date: Wed, 7 Jun 1995 10:58:52 EDT

>
>The Great Circle path to parts of Australia are "North of West" from
>Vancouver, BC - an interesting fact which has on more than one occasion
>won me a pint of ale in the local pub!

>
>72 Derry VE7QK

>
>
True statement...that's why I said if the "from" and "to" are North of the equator, the initial bearing is Northerly. If that condition doesn't apply, all bets are off :-)

73, de Roger AA7QY
aa7qy@primenet.com rhhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-1@lehigh.edu Wed Jun 7 15:18:22 1995

Message-Id: <199506071516.JAA12464@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Hrd U on 40M
Date: Wed, 7 Jun 1995 11:18:22 EDT

Chuck,
Made a real attempt to listen for you last nite on both 30 and 40M.
Finally heard you calling CQ around 7043 at 0249Z. Your first CQ you
were a good 459, but the second CQ you quickly dropped to 349 or so.
Needless to say, I called you several times, but wasn't meant to be.
Do you QSL for SWL reports -hi?

Will you try again tn?

Paul NA5N

From qrp-1@lehigh.edu Wed Jun 7 15:43:04 1995
Message-Id: <199506071541.KAA25256@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: Hrd U on 40M
Date: Wed, 7 Jun 1995 11:43:04 EDT

I just got a note for Paul, NA5N, that he heard me.

This piece of data reminds of something that I didn't mention
in the other posting. Thanks Paul for the feedback. See, I
was there.

I just finished for Doug Hendricks a long article and I mean
long article about how one tunes up a transceiver. It is must
reading for everyone, if I do say so myself. :-) So make sure
you are paid up on your QRPP subscription. The US Post Office
is holding our June issues somewhere between CA and the rest
of the world. I note that the postal rates are going up for
mail to our friends outside the USofA. The post office is
bragging about 4.5 yrs since they did this last. Hey, we
got email now..... :-)

There is a possiblility that even though I had 0 offset on the
RIT, that the transmitter and the receiver are just off enough
(I did use the wide filter) that I missed the calling station.
I'll realign the TenTec tonight in my spare time. :-)

With my own HB stuff I don't have to worry about this stuff 'cuz
I know what I'm doing and have never on any rig that I built

had any problems. Bragging rights on here. :-) :-)

So another data point in the big equation of life.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 7 04:55:47 1995
Message-Id: <Pine.SUN.3.90.950606215316.25045A-100000@nimbus>
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: Jim E. does it again
Date: Wed, 7 Jun 1995 00:55:47 EDT

Congrats to Jim!

Worked just fine for me.

Ain't computers great? cul,

73, Ron, dah, dah (I'm three times slower than Chuck)

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From qrp-1@lehigh.edu Wed Jun 7 15:38:47 1995
Message-Id: <199506071538.JAA13329@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: June QRPP Info
Date: Wed, 7 Jun 1995 11:38:47 EDT

About the June issue of QRPP:

As many of you are probably aware, NorCal has experienced tremendous growth in its two years of existence. QRPP has gone from 700 subscribers last issue to nearly 1200 for this June's issue alone. Photocopying the 64 pages and cover, folding, stapling and trimming 1000 journals BY HAND is nothing short of heroic for Doug (KI6DS) or anyone. My family is in the printing business and we offered Doug and NorCal some advisement on alternative methods of production. As a result, this June issue of QRPP was commercially printed

and bound, a bit over 1200 issues. If photocopied, this would have been over 40,000 copies! Imagine having to fold and collate those by hand!

I can tell you, Doug, as usual, was right on the ball by delivering the camera-ready copy to the printer about May 1. However, the transition of converting from a photocopied journal to one produced commercially and scheduling the press and bindry time, caused some delays. These delays were EXTERNAL to the NorCal effort, and should be unique to this issue only. They were shipped (300 pounds of QRPP!) and arrived at Doug's QTH this morning (wed. June 7) for imminent mailing.

These changes were necessary to accomodate the growing number of issues, plus relieving Doug of the arduous task of assembling the journals by hand. Doug and others can now concentrate more on the editorial content, for which you will notice the improvement in this issue ... the QRPP with the bright pink cover ... coming to a mailbox near you VERY SOON.

Paul NA5N
(Not speaking for NorCal, just the printing effort)

From qrp-1@lehigh.edu Wed Jun 7 19:46:17 1995
Message-Id: <n1409586190.59484@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Knobs for QRP+ Power Control
Date: Wed, 7 Jun 1995 15:46:17 EDT

Real hams, barely get the thing, and modifying it already!

Anyway, QRP+ owners, look on Pg. 231 or your Mouser Electronics catalogs.
Re 'an Control Knobs.

What our European brother was describing is a collet knob, that has a pop off cap, and you tighten a nut under that to close the fingers of the collet onto the shaft.

These are commonly used on the Fluke - Philips scopes, at least from 1981 on for several years.

>From Mouser they are available in 10mm and 15 mm sizes, the tool is \$13.95 for each size, but I have used long needle nose pliers for years for these. The knobs are \$1.26 and \$1.42, and the caps .21 to .30 each. You can get different colors, with or without a pointer. Hope one of these sizes will fit; there is at least one other company in the industrial instrument knobs business in U.S.

that advertises collet knobs regularly, but I can't think of the name now.

Enjoy!--Stuart K5KVH

From qrp-1@lehigh.edu Wed Jun 7 14:49:03 1995
Message-Id: <9506071447.AA09336@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: My Latest Backpack Antenna
Date: Wed, 7 Jun 1995 10:49:03 EDT

To all,

With all this discussion on backpack antennas, I just had to throw in my two centavos worth. I have recently completed a backpack portable, rotatable dipole for 10 - 20 meters. The major reason for this design has been the surrounding terrain. The mountains around El Paso are all void of trees or other supporting structures so I have tote my own "tree" to the tops of these BIG hills. What I have settled on has been the 12 foot pushup pole I purchased at Builders Square. These things are designed for changing light bulbs, but serve quite well as a light weight antenna support. I have placed some foam around the pole and made it into a cushioned walking stick. Gotta get it up the mountain somehow!

I have been using an inverted vee tied to the tip of the pole for ease of operation, and it's the only thing I could think of. I have decided against using a verticle because of the non-conducting qualities of the dry desert landscape around here. I have also wanted to design something that gets the antenna element(s) as far from the ground to minimize ground losses. My inverted vee elements usually stop about 1 or 2 feet from the ground.

To minimize the ground loss and create a more broad-band antenna, I took 5 different sizes of aluminum tubing and created two telescoping elements that fit into a piece of a piece of PVC tubing cut about 1 foot long. I place a small u-bolt in the center to ack as a support for both the pushup pole and for a rope suspended between two trees. The antenna only weighs a few pounds (I have yet to weigh it) and goes up in under 10 minutes. I have notices a low SWR, around 1.5:1 or less across the entire 20 meter band (the only one I have a radio for) and some directivity to the antenna as it is turned. Of course, the higher the antenna is raised, the more directive it becomes. I also installed an eyebolt on each side of the u-bolt (about 2 feet each) so that string could be

attached to aid in turning the antenna and securing the elements in place.

The antenna has exceeded my expectations but is a little bulky. Definitely not something to stow away in a suitcase. I have been able to work some DX at 12 feet in my back yard. I can't wait for a chance to get back to the mountains. Oh, BTW the largest piece of tubing is 3/4" and the size of PVC I used was 1". So, if you are the adventurous type and like to experiment with portable antennas, give this one a try.

72's es 73's

Andrew Hair - AB5WB
El Paso, Texas

--

From qrp-1@lehigh.edu Wed Jun 7 15:12:57 1995
Message-Id: <199506071510.JAA12134@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: My Latest Backpack Antenna
Date: Wed, 7 Jun 1995 11:12:57 EDT

Chuck Broadwell, W5UXH, used an almost identical backpacker scheme for his antenna on our Mt. Baldy QRP Afield trip Apr. 1st. He used the same light-bulb changing collapsable pole to hold up an inverted vee and it worked quite well.

There is a photograph of Chuck and this antenna in the June QRPP on page 63 for anyone interested.

Paul NA5N

From qrp-1@lehigh.edu Wed Jun 7 20:25:23 1995
Message-Id: <n1409583835.97429@msmailgw1.arlut.utexas.edu>
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Norm: Your mail returns "host unknown"

Date: Wed, 7 Jun 1995 16:25:23 EDT

Pardon bandwidth use:

Norm your email request for kit information bounces with unknown host for the one you used, can you send me a better email adr, and I will forward a list of kit vendors--even using a reply on the return adr. in you original message bounced.

--Stuart K5KVH

rohre@arlut.utexas.edu

From qrp-l@lehigh.edu Thu Jun 8 03:41:03 1995

Message-Id: <1995Jun07.233955.5252@wb3ffv.ampr.org>

From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)

Subject: Re OHR wattmeter question

Date: Wed, 7 Jun 1995 23:41:03 EDT

A recent question from Claton Cadmus posted to the list--

>I've been rereading the article in the Feb. 1990 QST on the QRP
>wattmeter by Roy W7EL. Is this the unit that the OHR unit is
>patterned after? And if so what are the circuit differences?

I can't speak authoritatively on this, since I haven't seen the schematic of the OHR wattmeter, but can report on a conversation I had with Dick of OHR on the phone a couple years back. He told me that his wattmeter was indeed based on this article, although he used a different directional coupler (the toroids) since he considered the one in the article a bit complicated for a kit. He used the coupler circuit from the Stockton wattmeter (which was in SPRAT a few years back), which consists of two toroids and two pieces of coax. (The W7EL coupler uses 3 toroids and a microstrip on a piece of PCB material.) The remainder of the circuit is based on the W7EL article.

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org

E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Jun 7 15:18:45 1995
Message-Id: <MAILQUEUE-101.950607111636.480@rcadmin.nov.add.bn1.gov>
From: "Nick Franco - KF2PH" <NICKF@rcadmin.nov.add.bn1.gov>
Subject: Pixie2 On The Air
Date: Wed, 7 Jun 1995 11:18:45 EDT

Hi Gang,

I wrote about my Pixie2 construction a few days ago. Since then I have run some tests and bought a 3.579 crystal at a local electronic supply store (what a rip off - \$5.00 for one crystal, probably worth 50) Anyway, the rig hears well and switches between 3.686 and 3.579. W1AW blows me away in the evenings. I'm pretty close on Long Island.

Last night when I came home (about 6:00 pm EDT) I went down to plug the Pixie2 to the antenna and MFJ tuner. I called CQ and station on the low edge of my receive answered back. I asked him to move to me since I am rock bound. He did, and I had my very first QSO with the new home brew. BTW I changed the amplifier 2N3904 to a 2N2219. I didn't think this should really change anything drastically but the measured output went from 175 mWatts to 427 mWatts. Maybe I just happened accross a low end 3904 tolerance and a high end 2219 (weird).

It was very exciting to make the Q. I think I'll add some type of RIT - possibly even the cap and switch for the time being - so I can move the receive a little. I love this little thing. I'm considering making a couple more mods and put it in a real enclosure and have both 7.040 and 3.686.

I would never have tried any of these things if it were not for you guys and this listserv group. These are my very first attempts at any kind of home brewing and I think I'm hooked.

Thanks Guys es 72,
Nick

Nick Franco - RHIC Computer/Network Support
Building 1005 2nd Floor Rm. 201
UPTON, N.Y. 11973-5000 U.S.A.
tel:(516)282-5467 fax:(516)282-3674

Ham Call: KF2PH QRP-NE # 349

From qrp-1@lehigh.edu Wed Jun 7 15:08:19 1995
Message-Id: <9506071708.A10026@ccgate.ari.ch>
From: Urs Schlegel <schlegel@ccgate.ari.ch>
Subject: Power control on QRP+
Date: Wed, 7 Jun 1995 11:08:19 EDT

to QRP-L de Urs, HB9HAU

>Has anyone found something to attach to the CW power control to make it
>easier to turn while reaching around from the front?

I fixed a tuning knob with a central- fixation- system, like the clamp
in a pencil with changeable lead. This knobs are common over here. I do
not know, whether and where they are available abroad.

73, schlegel@ccgate.ari.ch

From qrp-1@lehigh.edu Wed Jun 7 18:47:39 1995
Message-Id: <199506071846.QAA12164@public.compuser.net>
From: rgobrick@public.compuser.net (Robert J. Gobrick)
Subject: Re: Power control on QRP+
Date: Wed, 7 Jun 1995 14:47:39 EDT

Urs,

Is there some kind of "brand" name for the company that makes that knob? We
may have to figure out some sort of import/export business with you to get
that knob over here in North America - too bad we just can't ftp this item
across the network (Where are you Captain Kirk when we need you....)

73/72 Bob Vo1DRB/WA6ERB

> to QRP-L de Urs, HB9HAU
>
> >Has anyone found something to attach to the CW power control to make it
> >easier to turn while reaching around from the front?
>
> I fixed a tuning knob with a central- fixation- system, like the clamp
> in a pencil with changeable lead. This knobs are common over here. I do
> not know, whether and where they are available abroad.

>
> 73, schlegel@ccgate.ari.ch
>
>
>
>
>

From qrp-1@lehigh.edu Wed Jun 7 21:56:56 1995
Message-Id: <9506072156.AA03943@awgs>
From: vincep@dj.com (Vince Passione)
Subject: QRP clubs in New Jersey?
Date: Wed, 7 Jun 1995 17:56:56 EDT

Does anyone know of any QRP oriented clubs in New Jersey? Or, if you're interested in joining or helping to start one, please send mail direct to me and I'll coordinate.

OBQRP: On 30 Meters last night, I worked UT5PF around 0200Z with 5W into a ground mounted Butternut Vert. Heard him calling CQ for a long time after with few takers. Most stateside stations were complaining about high QRN levels but it was fairly quiet here in Central NJ (maybe the rain helped?).

Vince WA2ECP
vincep@dj.com

From qrp-1@lehigh.edu Wed Jun 7 08:44:02 1995
Message-Id: <802477108.AA02220@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: QRP WATTMETER
Date: Wed, 7 Jun 1995 04:44:02 EDT

Hello all,

I've been rereading the article in the Feb. 1990 QST on the QRP wattmeter by Roy W7EL. Is this the unit that the OHR unit is patterned after? And if so what are the circuit differences?

Thanks and

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

* SLMR 2.1a * HAMFEST vb 1.The act of sneaking stuff into the basement.

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Jun 7 18:54:13 1995

Message-Id: <9506071847.AA29047@us1rmc.bb.dec.com>

From: Bill Acito 07-Jun-1995 1446 <acito@asdg.enet.dec.com>

Subject: QRP+

Date: Wed, 7 Jun 1995 14:54:13 EDT

The box hit my desk today (had it shipped to work). Invoice said
it was shipped on the 2nd. Nice. Real nice. I'm not getting much
work done this afternoon... :-)

b

. - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l|

Digital Equipment Corporation

Digital Semiconductor - Fab 6

Hudson, MA

kc1gs

(qrp-ne #260, norcal #1147, arrl life)

From qrp-1@lehigh.edu Wed Jun 7 19:10:08 1995
Message-Id: <199506071907.NAA21098@zia.aoc.nrao.edu>
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: QRP+
Date: Wed, 7 Jun 1995 15:10:08 EDT

>I'm not getting much work done this afternoon... :)
>Bill Acito |d|i|g|i|t|a|l

Can't you just tell your co-workers the QRP+ is a new RP06 or something?
(A little Digital "inside" humor folks!)

An RP06 was the mainstay of disk drives for years ... if I remember
they were 400-500 Mb and about the size of a Maytag washing machine.
Correct my disk capacity if I'm off by much.

OBQRP: Replace fuse F1.

Paul NA5N

From qrp-1@lehigh.edu Wed Jun 7 19:29:07 1995
Message-Id: <n1409583732.64696@wgs-2.bwi.bls.com>
From: "evans ken" <evans.ken@wgs-2.bwi.bls.com>
Subject: QRP+
Date: Wed, 7 Jun 1995 15:29:07 EDT

For the group following the purchase, I just got word that mine is at home
waiting. It was shipped June 2. However, my son graduates from high school
tonight, so testing and playing will wait. Timing is everything!!

72/3 & see you on air soon,

Ken KJ4XR
evans.ken@bwi.bls.com

From qrp-1@lehigh.edu Wed Jun 7 12:50:31 1995
Message-Id: <"21479 Wed Jun 7 07:47:24 1995"@nt.com>
From: william.redfearn.cmwdr01@nt.com
Subject: RE: QRP+ mikes

Date: Wed, 7 Jun 1995 08:50:31 EDT

I have tried several mikes on my QRP+.

The only type that I have gotten to work well have been the electret type mikes.

I currently have a ICOM HM-65 and a homebrew one made from an empty mike case with a surplus electret element mounted in it. Audio reports indicate that both mikes sound about the same on the air. I got the HM-65 used for \$20 and the homebrew one was built from the junk box.

NOTE: the HM-65 has to be rewired to work on the QRP+, a stock HM-65 will NOT work.

It seems that the audio drive of the QRP+ is low. I don't use SSB much, if I did I think I would work on the TX ALC circuit some.

Has anyone found something to attach to the CW power control to make it easier to turn while reaching around from the front?

73 - Dave.

=====
Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own, no one else wants them.

From qrp-l@lehigh.edu Wed Jun 7 21:14:37 1995
Message-Id: <abfbc53608021003bcee@[129.74.35.16]>
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: QRP-L Resource Page depository
Date: Wed, 7 Jun 1995 17:14:37 EDT

I have set up a directory and username for those who wish to send me files for the QRP-L Resource Page via FTP.

The server address is: qrp.cc.nd.edu
The username is: qrp
The password is: 72

This is a writeable directory that I will use to receive contributions. If you decide to send me something, please e-mail me to let me know to retrieve it.

If there is any abuse to this account, this service will be discontinued.

73

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing Telephone: (219) 631-EXAM
G034 Computing Center/Math Building E-mail: Steve.Hideg.1@nd.edu
University of Notre Dame URL: <http://www.nd.edu/~shideg/>
Notre Dame, IN 46556 Ham Radio: N8HSC/9

"My karma ran over your dogma."

From qrp-l@lehigh.edu Wed Jun 7 11:09:19 1995
Message-Id: <199506071107.IAA02369@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: QRP-L WWW Homepage
Date: Wed, 7 Jun 1995 07:09:19 EDT

QRP-L Gang,

I just checked into the QRP-L World Wide Web Homepage last night to download some missed Digests and all I can say is WOW.

This homepage is getting packed with qrp photos, equipment reviews, news etc. etc etc. - it is lookin good.

Thanks to Jim Eshleman, Steve N8HSC, Jerry AA3KN and Chuck for the work put in so far - GREAT.

Some questions:

1. Has some one been designated as the Homepage "clearing house" agent for equipment review, photos etc. I have a number of product reviews that I've written for the QQ, 72, QRPp and the LowDown that are in ASCII format and would gladly contribute to the archive with permission from the QRP newsletters. I also took some photos at the the 1995 Dayton QRP Banquet that I'd like to contribute but I have no way of scanning in. Chuck Adams said he would give me a hand with this. By the way next time I will shoot

in black and white.

2. I've had some offers for shareware/freeware JPEG and GIF readers. Would be nice if someone would put a "reader" in a Utility archive section of the QRP-L. That would help some of us newbies get going in the multimedia area. Maybe one of these days we'll have a live motion video with sound of Chuck sending 75wpm. Bratttt.

73/72 Bob V01DRB/WA6ERB

From qrp-l@lehigh.edu Wed Jun 7 13:05:41 1995
Message-Id: <abfb52d00002100369c6@[129.74.35.16]>
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: Re: QRP-L WWW Homepage
Date: Wed, 7 Jun 1995 09:05:41 EDT

Bobby Gobrick wrote:

>1. Has some one been designated as the Homepage "clearing house" agent for
>equipment review, photos etc. I have a number of product reviews that I've
>written for the QQ, 72, QRPp and the LowDown that are in ASCII format and
>would gladly contribute to the archive with permission from the QRP
>newsletters. I also took some photos at the the 1995 Dayton QRP Banquet
>that I'd like to contribute but I have no way of scanning in. Chuck Adams
>said he would give me a hand with this. By the way next time I will shoot
>in black and white.

Please send this kind of stuff to me. I plan to set up an online catalog of sorts with pictures, descriptions, and reviews of various QRP gear. I will shortly be setting up an "incoming" directory on my web server. For now, you can e-mail text files to me.

Bob (and anyone else interested), I can scan your photos for inclusion on the web page. I did this for Jerry Sy, AA3KN.

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing

Telephone: (219) 631-EXAM

G034 Computing Center/Math Building E-mail: Steve.Hideg.1@nd.edu
University of Notre Dame URL: <http://www.nd.edu/~shideg/>
Notre Dame, IN 46556 Ham Radio: N8HSC/9

"My karma ran over your dogma."

From qrp-l@lehigh.edu Wed Jun 7 14:58:30 1995
Message-Id: <199506071450.JAA24989@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Re: QRP-L WWW Homepage
Date: Wed, 7 Jun 1995 10:58:30 EDT

Bob es group,

For stuff that you feel like you would like to contribute to the
ftp site, send it to either Jim Eshleman lujce@hooch.cc.lehigh.edu or
Chuck Adams adams@sgi.com. I know some would like a way to contribute
directly, but that would open up all kinds of security, political,
economic, and personal issues..... There is only a finite amount
of disk space and it is not the purpose of this list to accumulate all
of human knowledge in one place.

It takes time to get everything done and remember this is only a hobby.
We do have jobs.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-l@lehigh.edu Wed Jun 7 11:17:58 1995
Message-Id: <Pine.3.89.9506070738.A543610373-0100000@utkvx.utk.edu>
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: Re: R7 Vertical and others mountings
Date: Wed, 7 Jun 1995 07:17:58 EDT

Stuart,

I concur with your evaluation of the GAP Titan over the R7. I have had a
GAP VI for over five years (6 bands, with 6 and 2 "accidentally" thrown
in (performs well for both), now the Challenger VIII, mounted on the

ground near the house with three nylon guys streaming from just above the insulated center (Feed) point, with no flaw in performance over that period, despite some near tornadic winds. It one lack for me is 30 meters; however, the Titan did not then exist. However, there has been no lack of mechanical solidity, and performances has been as claimed: lower noise than quarterwave verticals (even those I have roof mounted, e.g., 14AVQ), better signal strength, good on longer paths (e.g., Russia), and SWR bandwidths that cover all bands listed, except for the advertised narrower slot on 80. (Although the manufacturer explicitly warns against using an ATU to tune up on either 10 or the other end of 80--thus endangering the capacitor in the upper end of the antenna--at QRP levels (<5watts), an ATU for those bands should cause no problems.)

In contrast, on the antenna news group, I have seen many discouraging reports on the R-7, the most prevelant problem being trap burnout at 100 watt levels. Although the manufacturer has "cheerfully" replaced the dead traps, users worry about what causes the burnout and the extra work of replacing them. Whether the manufacturer has overcome this recurring problem by now, I do not know.

The R-7 is more compact--and might even be apt fopr an apartment balcony rail--but the GAP appears to be more mechanically and electrically sound for someone who has a small bit of ground space to support it.

-73-
LB, W4RNL

From qrp-1@lehigh.edu Thu Jun 8 00:36:25 1995
Message-Id: <Pine.SUN.3.91.950607182548.8270B-100000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: R7 vrs Gap
Date: Wed, 7 Jun 1995 20:36:25 EDT

I lived in an antenna restricted area between 1985 and 1990.
I used a ground mounted, later roof mounted butternut hf6v which compared well to my neighbours antennas (VE6LB) less than a block away.
He used an R5 (there was no R7 then) and later a Gap for coverage on 40 and 80. He eventually sold the gap and uses a "hidden" wire vertical for 40 thru 160.....half of it goes to a tree in a ravine behind his house.
This guy is QRO (100 watts) and mainly CW op. He has achieved 5BDXCC and has over 300 countries conifirmed since starting out in 1987. I do not think he would have kept the R5 and sold the Gap if he thought it was an inferior performer! Just my two cents worth...I like my monobander at 66 feet.

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From qrp-1@lehigh.edu Wed Jun 7 17:13:56 1995
Message-Id: <9506071715.AA01541@flowerslabs.com>
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>
Subject: Requests For QRP INFO
Date: Wed, 7 Jun 1995 13:13:56 EDT

Greetings All,

Reading all this "good stuff" about what everyone's doing with QRP has

sparked my interest to the point that I want to give it another try. By "another try" I mean with something other than a QRO rig with the power output turned back to the 5-watt level. Even though cranking back the power on a QRO rig qualifies one to be QRP, there's a much greater thrill when using a truly QRP rig, especially if its one you've constructed yourself.

So, I have two requests, one for information and the other for technical assistance.

1. Many of you are mentioning different types of QRP rigs, most of which I'm not aware of. Is there anything available which describes some of these rigs, their capabilities, and where to obtain them, especially the ones in kit form? I'm sure there are others who would also be interested in this info.
2. Some years back (say, about 15), I built up a Tuna-Tin-Two and the

accompanying VFO from info in QST. I made several contacts with the rig but lost interest because the VFO was chirpy and constantly drifted frequency. The request is for info on a VFO circuit, fairly simple, which can be interfaced with the transmitter portion.

Thanks much,

Norm, K2NF

From qrp-1@lehigh.edu Wed Jun 7 16:35:02 1995
Message-Id: <Pine.3.07.9506070939.A27650-81000000@bach.seattleu.edu>
From: "H. Ward Silver" <hwardsil@seattleu.edu>
Subject: Vibroplex
Date: Wed, 7 Jun 1995 12:35:02 EDT

Can anyone tell me the name (and email address, if possible) of the new owner of the Vibroplex company?
Thanks & 73, Ward N0AX

From qrp-1@lehigh.edu Thu Jun 8 02:02:29 1995
Message-Id: <95060722033650@sescva.esc.edu>
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: VK2IDU DXPEDITION...JUNE 11 -JULY 1.
Date: Wed, 7 Jun 1995 22:02:29 EDT

Just a reminder, the VK2IDU "I'm down under" Poor man's DXpedition will begin in a few days. If you have any questions, please contact me.

NORM K2YEW (founder and president-for-life) of the QRP HEAVY HITTERS will be operating as VK2IDU from June 11 thru July 1, 1995. Anyone wishing to work 2-way QRP from Australia will have a golden opportunity in the coming weeks. Norm tells me that no one should be embarrassed on CW. He will send at one WPM if need be in order to get you through the contact. The schedule is as follows:

June 11 thru June 14 QTH Sydney, New South Wales

1200 UTC 14.065 CW
1300 UTC 14.265 SSB
2000 UTC 21.165 CW (novice/tech + band)
2100 UTC 21.065 CW

June 16 thru June 19 QTH Melbourne, Victoria

Same times and frequencies as above.

June 21 thru June 22 QTH Alice Springs, Northern Territory

0800 UTC 7.040 CW
0830 UTC 10.106 CW
0900 UTC will send on 7.065 and listen on 7.265 (split) SSB
2000 UTC 21.165 CW (novice/tech + band)
2100 UTC 21.055 CW

June 25 thru June 27 QTH Darwin, Northern Territory

Same times and frequencies as above. (June 21- June 23)

June 29 thru July 1 QTH Cairns, Queensland

0800 UTC 7.040 CW
0830 UTC 10.106 CW
0900 UTC will send on 7.065 and listen on 7.265 (split) SSB
2000 UTC 21.165 CW (novice/tech + band)
2100 UTC 21.065 CW

Please remember Norm's call for this poor man's DXpedition will be
VK2IDU (VK2 I'm Down Under).
QSL Manager is George N2LSK, PO Box 296, Bellport, NY 11713. (SASE pls).
Any questions, please contact me, Peter here at pcalcand@sescva.esc.edu

Good luck
Peter N2KPY

pccalcand@sescva.esc.edu

From qrp-1@lehigh.edu Thu Jun 8 01:41:50 1995
Message-Id: <Pine.SUN.3.91.950607213338.11509B-1000000@peach.epix.net>
From: rarland@epix.net
Subject: W7OE & PARG
Date: Wed, 7 Jun 1995 21:41:50 EDT

I was a member of PARG from about 1970 (#165) and found the organization to be exactly what I expected for a "real" QRP club. W7NUN, W7OE and others were a wealth of QRP info.

I have some old newsletters somewhere....if I can find them in all this mess. If you want more info on PARG I suggest you contact Mike Zane, K6URI (callbook address) as he is still a member and about once a year we swap letters.

Ah yws, the good old days!!

rich